SEQUENCE LISTING

<110> Bratzler, Robert L.
Petersen, Deanna M.
Fouron, Yves

<120> Immunostimulatory Nucleic Acids for the Treatment of Asthma and Allergy

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<151> 2000-02-03

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<400> 307
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tccaggactt tcctcaggtt 20

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<220>
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<210> 310
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<213> Artificial Sequence

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<223> I

<223> Synthetic Sequence

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<400> 315
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<223> Synthetic Sequence

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tcctgacggt gaagt 15

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tcctggcggg gaagt 15

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<223> m5c

<223> Synthetic Sequence

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<210> 340
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gcgtcgttcc ccccccccc 20

<210> 347
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tcgtcattcc ccccccccc 20

<210> 348
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acgtcgttcc ccccccccc 20

<210> 349
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<223> Synthetic Sequence

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<220>
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<223> Synthetic Sequence

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<222> (22)...(24)
<223> Biotin moiety attached at 3' end of sequence.

<223> Synthetic Sequence

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<400> 353
tccagttcct tcctcagtct 20

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tngtcgtttt gtcgttttgt cgtt 24

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tcctggaggg gaagt 15

<210> 356
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tcctgaaaag gaagt 15

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tcgtcgtcgt cgtt 14

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tcgtcgtcgt cgtt 14

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<400> 365
tcaacgtt 8

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aatagtcgcc atcccgggac 20

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<210> 377
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ctgtaagtga gcttggagag 20

<210> 378
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gagaacgctg gaccttcc 18

<210> 379
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cgggcgactc agtctatcgg 20

<210> 380
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<210> 381
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cagacacaga agcccgatag acg 23

<210> 383
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agacagacac gaaacgaccg 20

<210> 384
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<210> 791

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<223> m5c

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<223> Conjugated to biotin moiety.

<221> modified_base
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<223> m5c

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<223> Conjugated to biotin moiety.

<221> modified_base
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<223> m5c

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<220>
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<221> misc_feature
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<223> Conjugated to biotin moiety.

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agctcaacgt catgc 15

<210> 836
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<210> 838
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<210> 841
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ccacgtggac ctctagc 17

<210> 844
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<210> 847
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<400> 847
ttcctctctg caagagact 19

<210> 848
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<400> 848
tgtatctctc tgaaggact 19

<210> 849
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ttagggttag ggttagggtt 20

<210> 854
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tccatgagct tcctgatgct 20

<210> 855
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aaaacatgac gttcaaaaaa 20

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aaaacatgac gttcgggggg 20

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ggggcatgag cttcgggggg 20

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ctaggctgac gtcatcaagc tagt 24

<210> 859
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ggaattagta atagatatag aagtt 25

<210> 861
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tttacctttt ataaacataa ctaaaacaaa 30

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gcgtttttttt ttgcg 15

<210> 863
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atatctaatc aaaacattaa caaa 24

<210> 864
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<223> Synthetic Sequence

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<210> 866
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<223> Conjugated to biotin moiety.

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<220>
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<222> (11)...(13)
<223> Conjugated to FITC moiety.

<221> misc_feature
<222> (0)...(0)
<223> Has phosphodiester backbone.

<223> Synthetic Sequence

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<210> 868
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<220>
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<222> (11)...(13)
<223> Conjugated to biotin moiety.

<221> misc_feature
<222> (0)...(0)
<223> Has phosphorothioate and phosphodiester chimeric

backbone with phosphodiester on 3' end.

<223> Synthetic Sequence

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tttttttttt ttt 13

<210> 869
<211> 25
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<213> Artificial Sequence

<220>
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<400> 869
ctagcttgat gagctcagcc gctag 25

<210> 870
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<220>
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<400> 870
ttcagttgtc ttgctgctta gctaa 25

<210> 871
<211> 20
<212> DNA
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<220>
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tccatgagct tcctgagtct 20

<210> 872
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<220>
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<400> 872
ctagcggctg acgtcatcaa tctag 25

<210> 873
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<220>
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<400> 873
tgctagctgt gcctgtacct 20

<210> 874
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<220>
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<400> 874
atgctaaagg acgtcacatt gca 23

<210> 875
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<400> 875
tgcaatgtga cgtcctttag cat 23

<210> 876
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<210> 879
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ctccagctcc aagaaaggac g 21

<210> 881
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<210> 882
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tcgtcgtttg tcgttttgtc gtt 23

<210> 885
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<400> 888
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<210> 889
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<210> 892
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<210> 904
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<210> 907
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<210> 909
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